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Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known			
Application Number	10/768,432		
Filing Date	January 30, 2004		
First Named Inventor	Frank A. HUNLETH		
Art Unit	2671		
Examiner Name	Unassigned	-	
Attorney Docket Number	0320 001		

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HM	-	US- 4,745,402	05/17/1988	AUERBACH	
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		us- 6,295,646	09/25/2001	GOLDSCHMIDT IKI	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear

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	Application Number	10/768,432
NFORMATION DISCLOSURE	Filing Date	January 30, 2004
STATEMENT BY APPLICANT	First Named Inventor	Frank A. HUNLETH
(Use as many sheets as necessary)	Art Unit	2671
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**Attorney Docket Number** 

Sheet 2

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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10	9	BEDERSON, B., Quantum Treemaps and Bubblemaps for a Zoomable Image Browser, UIST 2001, ACM Symposium on User Interface Software and Technology, CHI Letters 3(2), pp. 71-80	

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Co	mplete if Known
Application Number	10/768,432
Filing Date	January 30, 2004
First Named Inventor	Frank A. HUNLETH et al.
Art Unit	2173
Examiner Name	John W. Cabeça
Attorney Docket No.	0320-001

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Examiner Initials*	Cite No	Document Number  Number-Kind Code <sup>2(1 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Ho	, , , , , , , , , , , , , , , , , , ,	U.S. 5,912,612	06/15/1999	DeVOLPI	
		U.S. 6,195,089	02/27/2001	CHANEY et al.	
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Examiner's Signature	Henry	бия	Date Considered	3/12/	12007	7
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Filing Date	January 30, 2004		
First Named Inventor	Frank A. HUNLETH		
Art Unit	2173		
Examiner Name	John W. Cabeca		
Attorney Docket Number	0320-001		

U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Publication Date Name of Patentee or Examine Cite Document Number MM-DD-YYYY initials\* Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code<sup>2</sup> (f known US- 6.765,598 06/20/2004 **KIM** <sup>US-</sup> 6,452,609 09/17/2002 KATINSKY et al. 2 05/28/2002 US- 6,397,387 ROSIN et al. 3 US- 6,268,849 07/31/2001 4 BOYER et al. US- 6,330,858 5 12/18/2001 McDONOUGH et al. US- 6,092,076 07/18/2000 McDONOUGH et al. 6 <sup>US-</sup> 6,621,452 09/16/2003 KNOCKEART et al. 7 US- 6,349,257 02/19/2002 LIU et al. 9 <sup>US-</sup> 6,529,218 03/04/2003 OGAWA et al. 10 US- 6,429,813 08/06/2002 FIEGEN US- 6,415,225 KOZAK 07/02/2002 11 US- 6,385,542 12 05/07/2002 MILLINGTON US-5,671,342 09/23/1997 MILLIER et al. SKLAR et al. US- 5,790,121 08/04/1998 14 15 US- 5,796,395 08/18/1998 de HOND US- 5,982,369 11/09/1999 SCIAMMARELLA et al. 16 MULLET et al. US- 5,638,523 17 06/10/1997 18 <sup>US-</sup> 6,400,406 06/04/2002 KIM

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T*
HO	19	GB 2237911A	05/15/1991	Sharp Kabushiki		`
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Guosin	are for form 1440% 10			Application Number	10/768,432	
INF	ORMATION	DIS	CLOSURE	Filing Date	January 30, 2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Frank A. HUNLETH	
(Use as many sheets as necessary)				Art Unit	2173	
				Examiner Name	John W. Cabeca	
Sheet	2	of	2.	Attorney Docket Number	0320-001	

		NON PATENT LITERATURE DOCUMENTS				
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Ho	21	Verhoeven, A., et al., "Hypermedia on the Map: Spatial Hypermedia in HyperMap," International Conference on Information, Communications and Signal Processing,				
		ICICS '97, Singapore, September 9-12, 1997, pp. 589-592	·			
	22	International Search Report for PCT/US01/08377, mailed July 25, 2005				
	23	International Search Report for PCT/US01/08331, mailed November 13, 2002				
Ho	24	International Search Report for PCT/US01/08261, mailed August 5, 2002				

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Signature	renny	U KI	Considered	3/12/200/

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